

**Response of
Wisconsin Power and Light Company
to
The Public Service Commission of Wisconsin
Data Request No. 3.12**

Docket Number: 05-CE-137
Date of Request: March 11, 2009
Information Requested By: Ken Detmer
Date Responded: April 6, 2009
Author: Joe Holliman
Author's Title: Sr Asset Strategy Consultant
Author's Telephone No.: (608) 458-3841
Witness: (If other than Author)

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Follow-up to Question 1.22: Is the Economic Maximum output on Edgewater 3 being dispatched into the MISO market similar to what is being modeled in EGEAS?

Response:

Based on the following observations, the Economic Maximum output on Edgewater Unit 3 that has been the Day-Ahead Offer Economic (Dispatch) Maximum to the MISO market is currently similar to what has been modeled in EGEAS in the 2006 IRP and in the instant case. However, it should be noted that EGEAS is not being used to model the MISO market system. WPL's EGEAS analysis is limited to modeling production cost and expansion planning within the WPL system with off-system purchase proxies by several generation units specified in the model.

In the Day-Ahead MISO market for the hour ending [REDACTED], WPL's 2008 peak hour, WPL offered Edgewater Unit 3 at [REDACTED] as the unit's Day-Ahead Offer Economic (Dispatch) Maximum. In the EGEAS model used in the instant case, the mature forced outage rate is calculated for Edgewater Unit 3 such that the average available operating capacity is [REDACTED] MW.